hydrophilic proton donor which will hydrate in the presence of blood to thereby promote clotting of the blood;

B. applying said compound to the wound for a time sufficient to effect sufficient clotting of the blood to arrest substantial further blood flow from the wound.

6. The method of arresting the flow of blood as set forth in Claim 5, wherein said oxyacid salt is taken from the group consisting of:

C1

alkali and alkaline salts;

oxyacid salts of transition elements;

halogen oxyacids; and

alkali and alkaline oxides, peroxides and superoxides.

7. A hemostatic agent adapted to be applied directly onto a bleeding wound comprising:

an effective amount of an oxyacid salt combined with an effective amount of a hydrophilic proton donor material, said oxyacid salt combining with blood to promote blood clotting at the wound, said hydrophilic proton donor material combining with, and thereby neutralizing, hydroxyl ions formed as said oxyacid salt combines with blood to effect clotting.

8. The hemostatic agent as set forth in Claim 7, wherein said oxyacid salt is taken from the group consisting of:

C2

alkali and alkaline salts;

oxyacid salts of transition elements;

halogen oxyacids; and

alkali and alkaline oxides, peroxides and superoxides.

9. A hemostatic agent as set forth in Claim 7, wherein said hydrophilic proton donor includes:

a cation exchange resin;

an acid producing salt; and

an organic acid.

C2 cont

10. The hemostatic agent as set forth in Claim 7, further comprising:

a solid desiccant combined with said oxyacid salt and said hydrophilic proton donor material, said solid desiccant further accelerating blood clotting by absorbing water in the blood.

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11. A hemostatic agent adapted to be applied directly onto a bleeding wound comprising:

an effective amount of an oxyacid salt combined with an effective amount of a hydrophilic polymer material, said oxyacid salt combining with blood to promote blood clotting at the wound, said hydrophilic polymer material forming a protective cover over the wound.

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12. The hemostatic agent as set forth in Claim 11, wherein said oxyacid salt is taken from the group consisting of:

alkali and alkaline salts;

oxyacid salts of transition elements;

C3

halogen oxyacids; and

alkali and alkaline oxides, peroxides and superoxides.

13. The hemostatic agent as set forth in Claim 12, wherein said hydrophilic polymer material includes:

carboxy methylcellulose;